

**DECLARATION AND POWER OF ATTORNEY**  
**FOR PATENT APPLICATION**

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SUBSTITUTED POLYCYCLIC ARYL AND HETEROARYL PYRIMIDINONES USEFUL FOR  
SELECTIVE INHIBITION OF THE COAGULATION CASCADE**

The specification of which, with any Preliminary Amendment, (check one)  
☐ is attached hereto

☒ was filed on 20 NOV 00 as Application Serial No. 09/716,951  
and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a)

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**PRIOR FOREIGN APPLICATION(S)**

Priority Claimed

(Number)	(Country)	(Day/month/year filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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(Number)	(Country)	(Day/month/year filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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(Number)	(Country)	(Day/month/year filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

09/574,739	18 May 2000	Pending
(Application Serial No.)	(Filing date)	(Status)

_____	_____	_____
(Application Serial No.)	(Filing date)	(Status)

POWER OF ATTORNEY: As a named inventor, I hereby appoint as attorneys/agents: S. CHRISTOPHER BAUER, Registration No. 42,307; DENNIS A. BENNETT, Registration No. 34,547; JAMES C. FORBES, Registration No. 39,457; DAVID M. GRYTE, Registration No. 41,809; J. TIMOTHY KEANE, Registration No. 27,808; RICHARD A. MUELLER, Registration No. 41,094; ALAN L. SCRIVNER, Registration No. 43,104; JAMES M. WARNER, Registration No. 45,199; SCOTT A. WILLIAMS, Registration No. 39,876; to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Direct all telephone calls to Scott A. Williams at 314-694-4474 and address all correspondence to:

Pharmacia Corporation  
Corporate Patent Law Department  
P.O. Box 5110  
Chicago, Illinois 60680-9889

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1) \_\_\_\_\_ 1

FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	South	Michael	S.

RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZEN.
	St. Louis	Missouri	USA

POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY	ZIPCODE
11671	Chieftain Drive	St. Louis	Missouri USA	63146

SIGNATURE OF INVENTOR 1	DATE
<i>Michael S. South</i>	1-30-2001

2) \_\_\_\_\_ 2

FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	Hamme, II	Ashton	T.

RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZEN.
	Ridgeland	Mississippi	USA

POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY	ZIPCODE
233	Bellewether Pass	Ridgeland	Mississippi USA	39157

SIGNATURE OF INVENTOR 2	DATE

3) \_\_\_\_\_ 3

FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	Neumann	William	L.

RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZEN.
	St. Louis	Missouri	USA

POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY	ZIPCODE
212	West Monroe	St. Louis	Missouri USA	63122

SIGNATURE OF INVENTOR 3	DATE
<i>William L. Neumann</i>	2-5-01

POWER OF ATTORNEY: As a named inventor, I hereby appoint as attorneys/agents: S. CHRISTOPHER BAUER, Registration No. 42,307; DENNIS A. BENNETT, Registration No. 34,547; JAMES C. FORBES, Registration No. 39,457; DAVID M. GRYTE, Registration No. 41,809; J. TIMOTHY KEANE, Registration No. 27,808; RICHARD A. MUELLER, Registration No. 41,094; ALAN L. SCRIVNER, Registration No. 43,104; JAMES M. WARNER, Registration No. 45,199; SCOTT A. WILLIAMS, Registration No. 39,876; to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

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1) 1

FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	South	Michael	S.
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZEN.
	St. Louis	Missouri	USA
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
11671	Chieftain Drive	St. Louis	Missouri USA
			ZIPCODE
			63146
SIGNATURE OF INVENTOR 1	DATE		

2) 2

FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	Hamme, II	Ashton	T.
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZEN.
	Ridgeland	Mississippi	USA
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
233	Bellewether Pass	Ridgeland	Mississippi
			ZIPCODE
			39167
SIGNATURE OF INVENTOR 2	DATE		
<i>Ashton Hamme</i>	2-1-04		

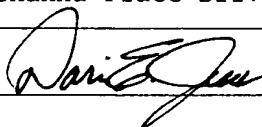
Subscribed and sworn to before me, in my presence, this 30th day of February, 2004, in County of Hinds, State of Mississippi.

*Pharmacia Corporation*  
(Signature)  
Notary Public

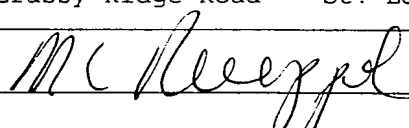
3) 3 Sept 17, 2004

FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	Neumann	William	L.
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZEN.
	St. Louis	Missouri	USA
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
212	West Monroe	St. Louis	Missouri USA
			ZIPCODE
			63122
SIGNATURE OF INVENTOR 3	DATE		

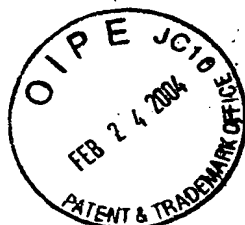
4) 4

FULL NAME OF INVENTOR	LAST NAME Jones	FIRST NAME Darin	MIDDLE NAME E.
RESIDENCE & CITIZENSHIP	CITY Ballwin	STATE OR FOREIGN COUNTRY Missouri	COUNTRY OF CITIZEN. USA
POST OFFICE ADDRESS	POST OFFICE ADDRESS 408 Johanna Place Drive	CITY Ballwin	STATE OR COUNTRY Missouri USA
			ZIPCODE 63021
SIGNATURE OF INVENTOR 4			DATE 1-25-01

5) 5

FULL NAME OF INVENTOR	LAST NAME Rueppel	FIRST NAME Melvin	MIDDLE NAME L.
RESIDENCE & CITIZENSHIP	CITY St. Louis	STATE OR FOREIGN COUNTRY Missouri	COUNTRY OF CITIZEN. USA
POST OFFICE ADDRESS	POST OFFICE ADDRESS 1904 Grassy Ridge Road	CITY St. Louis	STATE OR COUNTRY Missouri
			ZIPCODE 63122
SIGNATURE OF INVENTOR 5			DATE 1/26/01

PATENT



C-3203/2-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

Michael S. South et al.

SERIAL NUMBER: 09/716,951

FILED: 20 NOVEMBER 2000

GROUP ART UNIT: 1614

EXAMINER: UNKNOWN

DATE: 06 MARCH 2001

TITLE: SUBSTITUTED POLYCYCLIC ARYL AND HETEROARYL PYRIMIDINONES  
USEFUL FOR SELECTIVE INHIBITION OF THE COAGULATION CASCADE

ASSOCIATE POWER OF ATTORNEY

Commissioner of Patents and Trademarks  
Washington, D. C. 20231

Sir:

Please recognize Edward J. Hejlek, Registration No. 31,525 whose  
post office address is:

SENNIGER, POWERS, LEAVITT & ROEDEL  
One Metropolitan Square, 16<sup>th</sup> Floor  
St. Louis, Missouri 63102  
Tel: 314-231-5400

as associate attorney in the above-identified application with full  
power to transact all business before the Patent and Trademark  
Office with regard to said application and any continuation or  
divisional applications thereof.

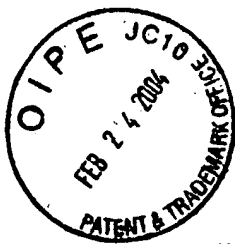
Please address all future communications with regard to this  
application to Edward J. Hejlek at the address indicated.

Respectfully submitted,

A handwritten signature in cursive script that reads "J. Timothy Keane".

J. Timothy Keane  
Attorney for Applicants  
Registration No. 27,808  
314-694-9090 (St. Louis)

PHARMACIA CORPORATION  
Corporate Patent Department  
P.O. Box 5110  
Chicago, Illinois 60680



PHA 4159.33 (3203/1B/US)  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Michael S. South et al.

Art Unit 1614

Serial No. 10/680,723

Filed October 7, 2003

Confirmation No. 2648

For SUBSTITUTED POLYCYCLIC ARYL AND HETEROARYL PYRIMIDINONES  
USEFUL FOR SELECTIVE INHIBITION OF THE COAGULATION CASCADE

February 6, 2004

**ASSOCIATE POWER OF ATTORNEY**

TO THE COMMISSIONER FOR PATENTS  
SIR:

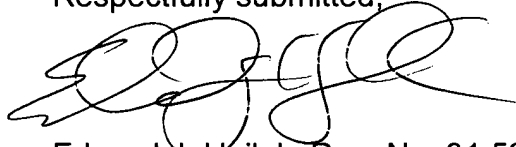
Please recognize as Associate Attorneys in this case:

Donald G. Leavitt (17,626), John K. Roedel, Jr. (25,914), Michael E. Godar (28,416), Edward J. Hejlek (31,525), William E. Lahey (26,757), Richard G. Heywood (18,224), Frank R. Agovino (27,416), Kurt F. James (33,716), Paul I. J. Fleischut (35,513), Vincent M. Keil (36,838), Robert M. Evans, Jr. (36,794), Robert M. Bain (36,736), Kathleen M. Petrillo (35,076), Richard L. Bridge (40,529), Christopher M. Goff (41,785), Derick E. Allen (43,468), Michael G. Munsell (43,820), Anthony R. Kinney (44,834), Brian P. Klein (44,837), Donald W. Tuegel (45,424), Steven M. Ritchey (46,321), Kathryn J. Doty (40,593), James J. Barta, Jr. (47,409), Richard A. Schuth (47,929), Jennifer E. Hoekel (48,330), Timothy B. McBride (47,781), Andrew N. Claerbout (50,202), James D. Harper (51,781), Patricia K. Fitzsimmons (52,894), Kofi Adzamlı (52,545), Andrew C. Wegman (54,530), Bradley S. Schammel (54,667), Brian G. Panka (53,430), Laura J. Hilmert (P-55,871), Jeannie M. Boettler (P-55,822), S. Christopher Bauer (42,305), Julie M. Chappell (46,612), Kenton Fedde (54,701), James C. Forbes (39,457), J. Timothy Keane (27,808), Karen B. King (41,898), Scott J. Meyer (25,275), Philip B. Polster, II (43,864), Rachel Polster (47,004), Joseph R. Schuh (48,180), Christopher W. Slavinsky (54,456), James M. Warner (45,199), Scott A. Williams (39,876), J. Trevor Lumb (28,567).

PHA 4159.33 (3203/1B/US)  
PATENT

It is requested that all correspondence in connection with this application be addressed to principal attorney of record Edward J. Hejlek of the law firm of SENNIGER, POWERS, LEAVITT & ROEDEL, One Metropolitan Square, 16th Floor, St. Louis, Missouri 63102.

Respectfully submitted,

A handwritten signature in black ink, appearing to be 'EJH', written over a horizontal line.

Edward J. Hejlek, Reg. No. 31,525  
SENNIGER, POWERS, LEAVITT & ROEDEL  
One Metropolitan Square, 16th Floor  
St. Louis, Missouri 63102  
(314) 231-5400

EJH/caa